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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/910,208A

DATE: 09/03/2002  
TIME: 15:38:47

Input Set : A:\Novel calcium-binding protein.ST25.txt  
Output Set: N:\CRF4\09032002\I910208A.raw

3 <110> APPLICANT: Hitomi, Jiro  
4 Yamaguchi, Ken  
5 Yamamura, Tokujiro  
6 Kimura, Tatsuji  
8 <120> TITLE OF INVENTION: Calcium-binding protein  
10 <130> FILE REFERENCE: 10472-AAK01  
12 <140> CURRENT APPLICATION NUMBER: 09/910208A  
C--> 13 <141> CURRENT FILING DATE: 2002-08-19  
15 <160> NUMBER OF SEQ ID NOS: 2  
17 <170> SOFTWARE: PatentIn version 3.1  
19 <210> SEQ ID NO: 1  
20 <211> LENGTH: 429  
21 <212> TYPE: DNA  
22 <213> ORGANISM: calcium-binding protein  
24 <220> FEATURE:  
25 <221> NAME/KEY: exon  
26 <222> LOCATION: (48)..(323)  
27 <223> OTHER INFORMATION: Amino acid sequence of calcium-binding protein from bovine amniot  
28 ic fluid  
31 <400> SEQUENCE: 1  
32 ctggcattcc acacttctgt gcagaggggt gaacgttagtt tggtaaa atg act aag 56  
33 Met Thr Lys  
34 1  
35 ctg gaa gat cac ctg gag gga atc atc aac atc ttc cac cag tac tcc 104  
36 Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln Tyr Ser  
37 5 10 15  
38 20 25 30 35  
39 gtt cgg gtg ggg cat ttc gac acc ctc aac aag cgt gag ctg aag cag 152  
40 Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu Leu Lys Gln  
41 45 50 55 60 65  
42 20 25 30 35  
43 ctg atc aca aag gaa ctt ccc aaa acc ctc cag aac acc aaa gat caa 200  
44 Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr Lys Asp Gln  
45 40 45 50  
46 55 60 65  
47 cct acc att gac aaa ata ttc caa gac ctg gat gcc gat aaa gac gga 248  
48 Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp Lys Asp Gly  
49 55 60 65  
50 55 60 65  
51 gcc gtc agc ttt gag gaa ttc gta gtc ctg gtg tcc agg gtg ctg aaa 296  
52 Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg Val Leu Lys  
53 70 75 80  
54 85 90  
55 aca gcc cac ata gat atc cac aaa gag taggaagctc ttccagcaa 343  
56 Thr Ala His Ile Asp Ile His Lys Glu  
57 85 90  
58 60 tgtccccaaag aagacttacc cttctctcc ctgaggctgc cttacccgag ggaagagaga 403  
62 attaataaac gtactttggc aaagtt 429

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65 <210> SEQ ID NO: 2  
66 <211> LENGTH: 440  
67 <212> TYPE: DNA  
68 <213> ORGANISM: humab calcium-binding protein  
70 <220> FEATURE:  
71 <221> NAME/KEY: exon  
72 <222> LOCATION: (22)..(297)  
73 <223> OTHER INFORMATION: Deduced amino acid sequence for human calcium-binding protein.  
76 <400> SEQUENCE: 2  
77 ggttaacatt aggctggaa g atg aca aaa ctt gaa gag cat ctg gag gga 51  
78 Met Thr Lys Leu Glu Glu His Leu Glu Gly  
79 1 5 10  
81 att gtc aat atc ttc cac caa tac tca gtt cgg aag ggg cat ttt gac 99  
82 Ile Val Asn Ile Phe His Gln Tyr Ser Val Arg Lys Gly His Phe Asp  
83 15 20 25  
85 acc ctc tct aag ggt gag ctg aag cag ctg ctt aca aag gag ctt gca 147  
86 Thr Leu Ser Lys Gly Glu Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala  
87 30 35 40  
89 aac acc atc aag aat atc aaa gat aaa gct gtc att gat gaa ata ttc 195  
90 Asn Thr Ile Lys Asn Ile Lys Asp Lys Ala Val Ile Asp Glu Ile Phe  
91 45 50 55  
93 caa ggc ctg gat gct aat caa gat gaa cag gtc gac ttt caa gaa ttc 243  
94 Gln Gly Leu Asp Ala Asn Gln Asp Glu Gln Val Asp Phe Gln Glu Phe  
95 60 65 70  
97 ata tcc ctg gta gcc att gcg ctg aag gct gcc cat tac cac acc cac 291  
98 Ile Ser Leu Val Ala Ile Ala Leu Lys Ala Ala His Tyr His Thr His  
99 75 80 85 90  
101 aaa gag tagtagctc tctgaagctt tttaccacgc aatgtcctca atgagggtct 347  
102 Lys Glu  
105 tttctttccc tcaccaaaac ccagcctgc ccgtggggag taagagttaa taaacacact 407  
107 cacgaaaagt taaaaaaaaaaa aaaaaaaaaat tct 440

VERIFICATION SUMMARY

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Input Set : A:\Novel calcium-binding protein.ST25.txt  
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date